

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Single/Multiple Station Smoke Detector-Photoelectric

LISTEE: ADEMCO, 165 Eileen Way, Syosset NY 11791
Contact: David Kalmus (516) 921-6704

DESIGN: Model 5808 single station with built-in wireless transmitter, battery operated, photoelectric type smoke detector. Unit also can transmit a radio frequency (RF) alarm signal to listee's separately listed residential fire alarm control units. Unit also has a supplement integral heat sensor. Refer to listee's printed data sheet for additional detailed product description and operational considerations.

RATING: Two 3 VDC lithium batteries: Duracell DL123A, Sanyo CR123A, Panasonic CR123A or Ademco 466.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as a single station photoelectric smoke detector. Also suitable for use with separately listed residential fire alarm control units.

*This model is non-temporal and is intended for use in occupancies that do not require total evacuation but perhaps relocation or notification. If a distinctive temporal code pattern fire alarm signal (for total evacuation) in accordance with NFPA 72, 1996 Edition is required, do not use this unit. Refer to other listings which provide temporal devices.

NOTE: *The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

*Rev. 06-18-99



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 8, 2002**

*Listing Expires **June 30, 2003***

Authorized By: **DIANE K. AREND**, Senior Deputy
Program Manager